Coastal Impact Assistance Program (CIAP)
Required Information and Selection Criteria for Projects Nominated for CIAP Funding

Information required for all CIAP project nomination submittals:

1. Project Title: *Rockefeller Refuge Gulf Shoreline Restoration*
2. Entity/Individual nominating the project: *Louisiana Department of Natural Resources/Beau Tate*
3. Contact Information (Name, Address, Telephone, Email): *Beau Tate, Coastal Engineering Division, 617 North Third Street, Baton Rouge, LA, (225)342-6736, beau.tate@la.gov*
4. Total CIAP Funds Requested: $53,044,992.00
5. Parish CIAP Funds Proposed: *N/A*
6. State CIAP Funds Requested: $53,044,992.00
7. Infrastructure Funds Proposed: *N/A*
8. Description and Location of Project: *The proposed project will restore and protect the western 9.2 miles of Rockefeller Refuge. Rockefeller Refuge is located in southwestern Louisiana, east of Pecan Island and west of Grand Chenier. The project is located along the Rockefeller Refuge Gulf shoreline from Beach Prong to Joseph Harbor in Cameron Parish, Coast 2050 Region 4, Mermentau Basin. The center of the project area is located at the approximate coordinates 30 ° 08 '00" N latitude and 92 ° 45' 00" W longitude.*
9. Project Type (from list below of authorized CIAP fund uses): *Type 1*
10. Project Justification: *One of the most rapidly eroding portions of the Louisiana Gulf shoreline is at the Rockefeller Wildlife Refuge. Estimates of long-term shoreline retreat range from 30 to 40 ft/year (Byrnes et al. 1995). Short-term events, such as Tropical Storm Frances in 1998, can cause more than 50 ft of erosion over a few days. Byrnes et al. (1995) concluded that modern rates of shoreline recession within Louisiana's Chenier Plain are generally increasing with time. It is well recognized that tropical cyclones play a significant role in contributing to this erosion. During storms, the deposits of shell that are perched atop the beach along the Refuge shoreline can be transported landward by waves as washover deposits onto the marsh. This process results in an exposed zone of fragmented marsh seaward of the beach that is easily eroded by the Gulf of Mexico. The Rockefeller Refuge Gulf Shoreline Restoration project proposes to create a sand beach and dune system, which will reduce wave energies thereby helping to reduce land loss along the gulf shoreline, strengthen the longshore transport system by adding valuable sand to a sediment starved system, and rebuild the natural structural framework within the coastal ecosystem to provide for a separation of the gulf and the estuary.*

11. Project cost share (Types and amounts of non-CIAP funds proposed, if any): *N/A*

Types of Projects authorized by the CIAP legislation:

1. Conservation, restoration and protection of coastal area, including wetland.
2. Mitigation of damage to fish, wildlife and natural resources.
3. Planning assistance and the administrative costs of complying with this section
4. Implementation of a federally approve marine, coastal, or comprehensive conservation management plan.
5. Mitigation of the impacts of OCS activities through funding of onshore infrastructure projects and public service needs.

Not more than 23 percent of the CIAP funds received by the State or parishes for any fiscal year can be used for the purposes described in items 3 and 5.

Criteria to be used to Evaluate Proposed Coastal Restoration and Conservation Projects

1. Is the proposed project free of issues that may impact timely implementation of the project features?
2. Is the proposed project linked to a regional strategy for maintaining established landscape features critical to a sustainable ecosystem structure and function?
3. Does the proposed project protect health and safety or infrastructure of national, state, regional or local significance?
4. How cost effective is the proposed project?
5. What is the certainty of benefits resulting from implementation of the proposed project?
6. Does the proposed project address an area of critical conservation/restoration need or a high land loss area?
7. How sustainable are the benefits of the proposed project?

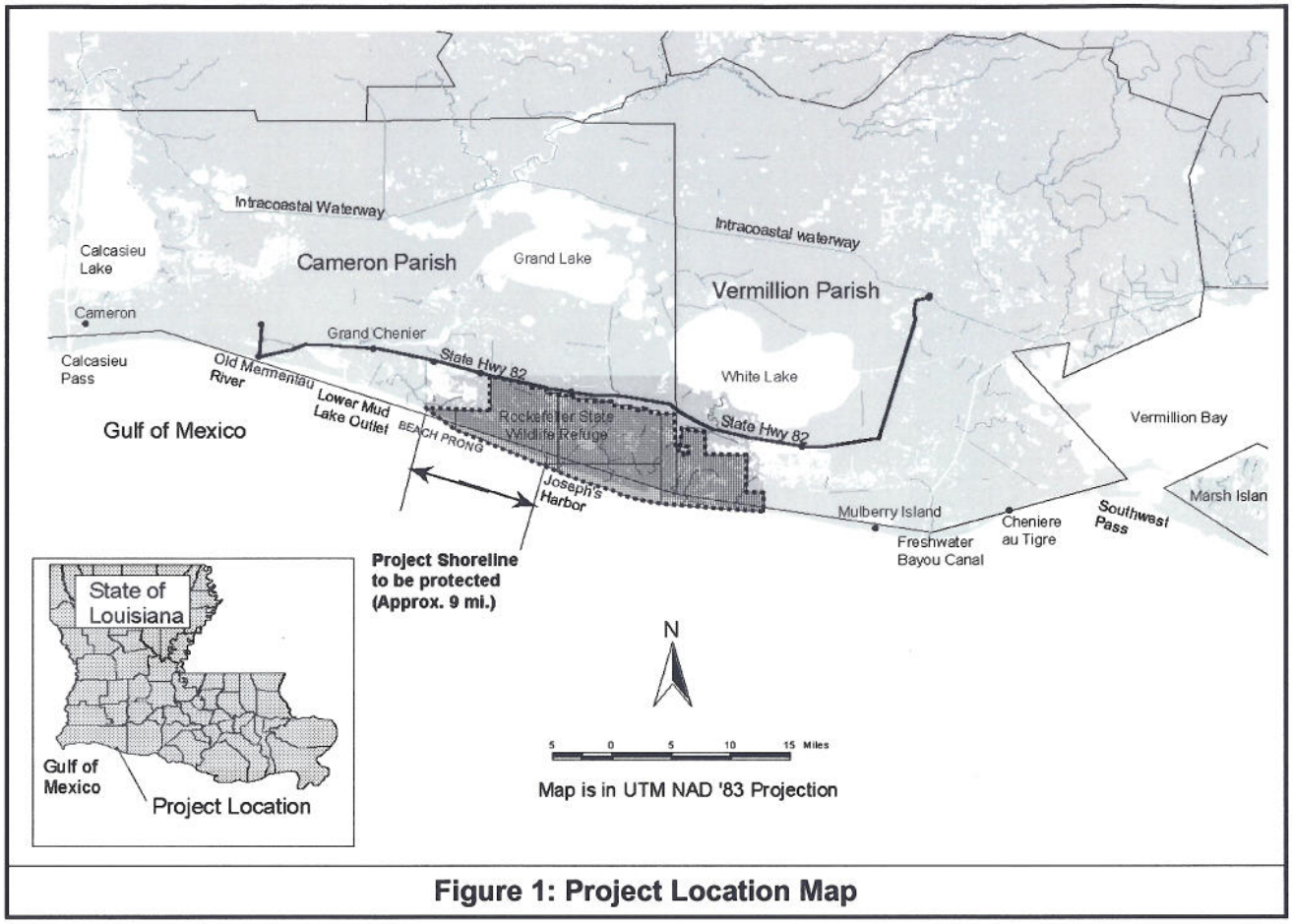

Figure 1: Project Location Map